

***LineUp With Math™* Alignment**
Arizona Mathematics Standard Articulated By Grade Level
High School

Strand 1: Number Sense and Operations

Concept 3: Estimation.

Use estimation strategies reasonably and fluently.

Standard	<i>LineUp With Math™</i> Activities
PO 1. Solve grade-level appropriate problems using estimation.	--Predict and plot the relative motion of two or more airplanes on given paths. --Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.
PO 2. Determine if a solution to a problem is reasonable.	--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations. --Explore and apply a variety of strategies to optimize the solution of air traffic control conflicts.

Strand 3: Patterns, Algebra, and Functions

Concept 2: Functions and Relationships

Describe and model functions and their relationships.

Standard	<i>LineUp With Math™</i> Activities
PO 11. Solve an algebraic proportion.	--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

Strand 4: Geometry and Measurement

Concept 4: Measurement - Units of Measure

Understand and apply appropriate units of measure, measurement techniques, and formulas to determine measurements.

Standard	<i>LineUp With Math™</i> Activities
PO 9. Solve scale factor problems using ratios and proportions.	--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.